is unnecessary, only the main terminal **1** need be transported, enhancing the portability of the mobile terminal **1**.

[0056] It will be apparent to those skilled in the art that various modifications and variations can be made in the present invention without departing from the spirit or scope of the invention. Thus, it is intended that the present invention cover the modifications and variations of this invention provided they come within the scope of the appended claims and their equivalents.

What is claimed is:

1. A mobile terminal, comprising:

at least one sub-module comprising a sub-function configuration unit comprising parts to perform a function; and

a main terminal comprising a display unit at a front surface of the main terminal and a connection unit at a rear surface of the main terminal, the connection unit to detachably couple the sub-module to the main terminal,

wherein a magnet is installed at a side surface of the connection unit or the sub-module, and the magnet detachably couples the sub-module to the main terminal.

2. The mobile terminal of claim **1**, wherein the connection unit comprises a sensor to detect whether the sub-module is coupled to the main terminal.

3. The mobile terminal of claim **2**, wherein the connection unit further comprises a switch to select operation of the sub-module.

4. The mobile terminal of claim **1**, wherein the main terminal further comprises a main controller to control a screen output of the display unit, and the sub-module further comprises a sub-controller to control operation of the sub-function configuration unit so that if the sub-module is coupled to the main terminal, the main controller transmits and receives a control signal to control a screen output of the display unit and to control operation of the sub-function configuration unit through the sub-controller.

5. The mobile terminal of claim **4**, wherein the main terminal and the sub-module further comprise a main connection terminal and a sub-connection terminal, respectively, whereby the control signal is transmitted and received when the terminals are in contact.

6. The mobile terminal of claim **4**, wherein the main controller controls the display unit to display a menu screen comprising one or more functions, and in response to an input operation performed through the menu screen, the sub-controller receives a control signal to control the sub-function configuration unit corresponding to a control signal generated by the main controller.

7. The mobile terminal of claim **1**, wherein the sub-module comprises a camera module.

8. The mobile terminal of claim **1**, wherein the sub-module comprises a beam projection module.

9. The mobile terminal of claim **1**, wherein the display unit comprises a liquid crystal display (LCD) or an organic light emitting diode (OLED).

10. The mobile terminal of claim **1**, wherein the display unit comprises a touch screen.

11. The mobile terminal of claim **1**, wherein at least one of the main terminal and the sub-module further comprises a key input unit.

12. A mobile terminal, comprising:

a sub-module comprising a sub-function configuration unit comprising parts to perform a function; and

a main terminal comprising a display unit on a front surface and a connection unit on a rear surface, the connection unit having a first feature adapted to detachably receive the sub-module.

13. The mobile terminal of claim **12**, wherein the sub-module comprises a front surface and a rear surface, the rear surface comprising a second feature adapted to detachably couple to the first feature of the main terminal.

14. The mobile terminal of claim **13**, wherein at least one of the first feature and the second feature comprises a magnet, and the sub-module is detachably coupled to the main terminal by a magnetic force.

15. The mobile terminal of claim **12**, wherein the sub-module further comprises a front surface and a rear surface, the rear surface comprises a second feature, and the second feature comprises a shape that is complementary to a shape of the first feature of the main terminal, wherein the first feature and the second feature detachably engage at the complimentary shapes.

16. The mobile terminal of claim **12**, wherein the sub-module comprises a camera module.

17. The mobile terminal of claim **16**, wherein the camera module comprises a lens and a light source.

18. The mobile terminal of claim **12**, wherein the sub-module comprises a projector module.

19. The mobile terminal of claim **13**, wherein the first feature further comprises a sensor, and the sensor detects if the sub-module is coupled to the main terminal.

20. The mobile terminal of claim **19**, wherein the main terminal further comprises a main controller to control a screen output of the display unit, and the sub-module further comprises a sub-controller to control operation of the sub-function configuration unit so that if the sub-module is coupled to the main terminal, the main controller transmits and receives a control signal to control a screen output of the display unit and to control operation of the sub-function configuration unit through the sub-controller.

* * * * *